

## Attachment 7 (Revision 1, February 2014)

### State Marsh Creation Bid Tabulations and Associated Projected Program Costs

Since new marsh creation and barrier island restoration construction cost data has become available to DNR, we have evaluated this data and adjusted the fee schedule accordingly. See below.

Funding Source	Project	Date	Acres	Project Cost/Ac
CWPPRA	Pelican Island	Jul-11	396	\$40,700.00
State funded	Scofield Island	Feb-12	360	\$61,330.00
State funded	Shell Island	Feb-13	351	\$32,565.24
CWPPRA	Lake Hermitage	Nov-13	534	\$57,059.76
CWPPRA	Grand Liard	Feb-14	436	\$68,107.55
			Total Avg:	\$51,952.51

Other Costs Considered:	
Engineering & Design	\$2,500/acre
Vegetative Plantings	\$3,100/acre
Real Estate Costs/Legal fees	\$1,500/acre
Planning Costs	\$500/acre
Monitoring/Surveying	\$1,000/acre
Operations and Maintenance	\$1,000/acre
Administrative Costs	\$3,000
Total:	\$12,600

The bid tabulations above represent marsh creation and barrier island project construction costs. These construction costs include, but may not be limited to: mobilization, demobilization, hydraulic dredging (paid by the cubic yard), surveying, containment dike construction and maintenance, settlement plate installation, and grade stakes and flagging. Based on the data above, the cost per acre has been revised to \$64,600.00.

The construction costs above vary due to project specific items that affect the price of marsh creation projects. Some of these may include, but are not limited to:

1. Soil Foundation
2. Fuel costs
3. Timing, seasonal and other

4. Providence
5. Dredge Availability
6. Labor availability/Labor costs
7. Project Size
8. Amount of containment required
9. Permit restrictions
10. Distance from Borrow Area